BRITISH COLUMBIA

PROVINCIAL EMERGENCY PROGRAM

Ground Search and Rescue

Report

2002/2003

Provincial Emergency Program

September 30, 2003

GROUND SEARCH AND RESCUE VOLUNTEER SERVICES ANNUAL REPORT 2002/2003

British Columbia, Canada's third largest province, is one of the most scenic. Citizens and visitors alike routinely enjoy the great outdoor opportunities presented. The beauty, enhanced by the rugged geography, combine in a recreational attraction resulting in the province having more search and rescue incidents on land and inland waters than the rest of Canada combined.

Tourism in BC contributes between 9 and 11 billion dollars to the BC economy annually and ecotourism is the fastest growing segment. Search and rescue is a critical public safety lifeline volunteer service for both the tourism industry and the citizens of BC in general.

The approximately 4,700 volunteers who are organized into 94 provincial Search and Rescue (SAR) teams, are called upon to assist and support the police/BC Ambulance Service/Coroner's Office/Department of National Defence and local governments in searching for lost persons or for rescuing persons in distress on land or inland waters.

Management of SAR Services

The police have primary responsibility for conducting all land and inland waters search and rescue services. They utilize the SAR volunteers' services sponsored by the Provincial Emergency Program (PEP) to provide a high quality, cost effective, province-wide search and rescue service. The police (RCMP) and PEP work in partnership with a SAR Advisory Committee to jointly manage SAR services. The SAR Advisory Committee is primarily composed of volunteer representatives elected by volunteers from each of the six PEP regions. The advisory committee chairperson is an elected volunteer.

BC Search and Rescue Association (BCSARA)

In September 2002, members of the SAR Advisory Committee established the non-profit BC SAR Association in accordance with the *BC Societies Act*

The association's purpose is to:

- provide public education prevention programs, create awareness of ground and inland water SAR, and promote safe outdoor activity;
- provide health and safety support and programs to volunteer SAR groups and other volunteers;
- liaise and interact with SAR organizations in other provinces, countries and at federal/national levels; and
- solicit, receive, administer and distribute funds and gifts.

The Association applied for and received gaming funds in the amount of $120,000 for the 2002 calendar year, which were dispersed as follows:

- $20,000 to Public Avalanche Bulletin;
- $50,000 for first aid training for volunteers;
- $10,000 for Hug a Tree and Survive supplies; and
- $40,000 for "AdventureSmart" (reallocated for other prevention activities).

The association is currently processing an application for gaming funds for the 2003 calendar year.

SAR Management Information

SAR statistics are obtained by a manual review of the task reports and expenditure reimbursement records submitted by the individual SAR teams for each event. As both sources contain limited information, the statistical information available is limited. A new SAR management information reporting system is currently under development.

SAR teams have a relatively high attrition rate which results in continued fluctuation in the number of volunteers as well as teams.

SAR Statistics for 2002/03

SAR Teams	94	SAR Volunteers	4,700
Searches	955	PEP Air support	49
Found dead	87	Volunteer hours	11,852
Not found	68	Cost per search	$13,41.94
Rescued persons	1,038	Total cost	$1,281,551.43
Lost persons	1,193		95% found in 24 hours

SAR Service Requirements

There has been an increase in the requirement for SAR services over the last 12 years, with a corresponding increase in operational costs. The number of events has increased from 590 in fiscal year 1998/99 to 955 in fiscal year 2002/03. Operational costs have increased from $700,000 in fiscal year 1998/99 to $1.3 million in fiscal year 2002/03. This is an increase of 53 per cent. Appendix A visualizes the trend over 12 years by means of two graphs.

Activity Report for Fiscal Year 2002/03

The Appendix B activity report details the activity, male/female or child, the outcome of the search and the cost. This information is provided for the province as a whole and for each of the six PEP regions. The tables clearly show that hiking and boating activities account for the majority of persons and a significant proportion self rescue. Self-rescue is

defined as a person who walks out on his/her own without being rescued by others, or was never lost.

The increased utilization is believed to have resulted from a marked increase in wilderness recreation use. PEP is currently attempting to moderate or reverse this trend by engaging in a wide range of public education and awareness initiatives.

SAR Group Callout Record Fiscal Year 2002/03

There is a wide variation in the frequency of callout for individual SAR groups. The North West region responded to 45 and the South West region responded to 326 callouts.

Provincial Callout Averages

Groups responding to 0-5 calls per year	47.87%
Groups responding to 6-10 calls per year	14.89%
Groups responding to 11-20 calls per year	22.34%
Groups responding to 21 + calls per year	14.89%

A call ratio in excess of one call per month places a significant burden on volunteer services. These groups require additional support.

SAR Program Funding

Volunteers are exceptionally dedicated citizens who are committed to the provision of rescue services for people at risk. They come from all walks of life, working at their regular jobs, then contributing untold hours to training and operational tasks. They provide a professional calibre service at minimal cost to the local community and the province. They frequently pay for their own equipment and travel at the expense of their own families.

The province reimburses volunteer groups for operational expenses, and provides Worker's Compensation (WCB) coverage and third party liability insurance for volunteers responding to approved tasks. The province partially funds training costs including, to a limited degree, transportation and accommodation. The province allows direct access to some gaming funds for capital costs for facilities and equipment. Individual volunteers and volunteer groups are heavily involved in fundraising at the local community level.

Annual SAR Expenditures 2002/03

Operational Expenditure: The reimbursement of SAR teams for the conduct of search operations.	**$974,976 (excluding helicopter costs)**
Helicopter Expenditures: The police are responsible for helicopter search expenditures. PEP funds helicopter costs involved with the transport of SAR teams and long line rescue services.	**$347,435**
Training Costs: PEP contracts with the Justice Institute of BC for the delivery of SAR training. Refer to "Training" section (page 6).	**$250,000**
SAR Specialist and Administration Support:	**$140,000 annual cost**
Direct access gaming funds – 18 SAR teams.	**$687,552.74**
Direct access gaming funds distribution: o $20,000 to Public Avalanche Bulletin; o $50,000 for first aid training for volunteers; o $10,000 for Hug a Tree and Survive supplies; and o $40,000 for "AdventureSmart" (reallocated for other prevention activities).	**$120,000**
Direct access gaming funds – 14 Marine Rescue (Coast Guard Auxiliary volunteer Services). This program is administered by Coast Guard Canada.	**$475,000**

Avalanche Hazard

The topography of British Columbia is prone to avalanches which, combined with a dramatic increase in back country recreational activities, such as heli-skiing, snowmobiling and cross country skiing, continues to take a high life toll.

Between 1885 and 1962, 200 people died in avalanches on the Canadian Pacific railway line. Sixty-two people were killed in one avalanche. From 1978 to 1994, 35 people died in 28 avalanches. Nine backcountry users died in one avalanche in the Kootenays.

Since 1996, 103 people have been killed by avalanches, 14 people were killed in February 2003, in two separate avalanches in the Selkirk Mountains.

The sudden increase in multiple fatality events has shocked the public, garnered massive national and international attention, and placed winter tourism, which is a $300 million industry in British Columbia, at risk.

The government of British Columbia has supported the conduct of a detailed review of all aspects of avalanche hazard forecasting and public awareness. The review was conducted in partnership with backcountry industry, the Canadian Avalanche Association, federal and provincial stakeholders and a wide range of avalanche experts and will be used to develop options for limiting the inherent risk from this hazard.

SAR Training

PEP financially supports core training through the PEP Academy of the Justice Institute of BC and at the community level. The Justice Institute provides two full time instructors and administrative support. The courses and workshops offered include:

- ground search and rescue;
- ground search team leader;
- search and rescue management;
- rope rescue;
- tracking;
- swift water rescue; and
- avalanche awareness.

Teams also routinely practice their skills with additional training exercises and simulations.

PEP provides annual contract funding in the amount of $250,000. This is supplemented by the addition of $100,000 from the RCMP.

Regional training budgets funded SAR skill specific training courses in the amount of approximately $15,000 which amounted to 27 per cent of the total regional budgets.

The Justice Institute has delivered 85 training courses for 795 students for a total of 4468.2 student training days in 2002/03.

Training Funding Summary

JI contract funding	$250,000
RCMP funding (approximately)	$100,000
PEP Regional funding	$ 15,000
Gaming funds (first aid)	$ 50,000
Total	**$415,000**

PREVENTION (PUBLIC EDUCATION AND AWARENESS):

Risk Management for Outdoor Programs

In 1999, the Provincial Adventure Tourism Articulation Committee identified risk management in outdoor recreation programs as a top priority. A project established and funded equally by Centre for Curriculum Transfer and Technology, Worker's Compensation Board and PEP, and supplemented with $13,000 from the SAR New Initiatives Fund (NIF) was undertaken.

The project developed three documents, a handbook for instructors of outdoor recreation programs, a guide for students engaged in outdoor recreation, and a health and safety guide for outdoor recreation program administrators.

The materials developed in this project are of high standard; not only are they applicable to post-secondary outdoor programs, they could be applied to other levels.

The guides were completed in February 2003 and funding for distribution is being sought as part of the "AdventureSmart" initiative.

"AdventureSmart" Initiative

The purpose of the "AdventureSmart" initiative is to reduce the number of search and rescue (SAR) incidents, deaths and injuries related to recreational outdoor activities in BC.

Currently, local volunteers, community groups, schools and user groups deliver a variety of education and awareness programs on a limited basis in select locations without adequate resources. "AdventureSmart" will be a banner under which coordination and resources will be provided to expand the effectiveness of these valuable programs.

- Prevention (NIF): Improves processes and practices for the planning, delivery and evaluation of effective prevention education by providing coordination and resources for a number of outdoor safety programs that are currently delivered on a limited basis in selected locations.
- Volunteers (NIF): Expands the use of volunteers in prevention activities by providing coordination and increased resources for program delivery.
- Collection of SAR Data (NIF): Builds on the collection of causality data to further define and refine prevention programs for target audiences.
- Reducing Frequency and Severity of SAR Incidents Through Preventative Means (B.C.): The entire focus of "AdventureSmart" is to provide increased knowledge and awareness to outdoor users, both present and future, to assist them in making wise choices to reduce the chance of becoming lost, injured or killed when participating in outdoor activities.

"AdventureSmart" will reduce the frequency and severity of SAR incidents by increasing the coordination and delivery for existing outdoor awareness and education programs. Both formal (in school) and non-formal (targeted outdoor users) will receive outdoor education under a common and consistent banner with the "prepare and be aware" message. The focus is to provide additional information and decision making tools for both audiences, to achieve both short and long-term gains.

The core programs of "AdventureSmart" will be:

- YouthSafe – risk management for K-12 school outdoor programs, recently completed under NIF grant, instituted widely in school districts in Alberta.
- "Hug-a-Tree and Survive" – grades 4-5 survival presentation, currently delivered by SAR volunteers with limited resources.
- Mountain Safety and Snow Programs – grades 7-12.
- "AdventureSmart" Youth Teams – peer delivery mechanism for youth, e.g. taking "prepare and be aware" message to ski hills, mountain bike races, and other events.
- "Risk Management for Outdoor Programs" – recently completed under a project co-funded by PEP, designed for post secondary and private outdoor programs, contains excellent tools for expansion to municipal and other organized outdoor activities.
- Winter/Summer Safety Programs – utilization of existing programs, e.g. boating safety and avalanche awareness, within formal and non-formal forums.
- "AdventureSmart" – outdoor safety promotional materials to support local initiatives and provide broad public awareness, e.g. trip plans and snowmobile safety.

Current Status

The BC SAR Association will contribute $100,000 over three years, and a NIF application seeking federal funding in the amount of $981,200 is currently being processed.

SERVICE DELIVERY OBJECTIVES:

British Columbia Search and Rescue Information System (BCSARIS)

Rationale: Currently, information on SAR operations is gathered from the SAR team's task report and expenditure reimbursement records. Both sources contain limited information. Causality information is not currently gathered, resulting in missed opportunities to effect preventative measures.

Goal: Complete development of a web-based SAR information management reporting system, with the capability to generate statistical reports for operational, resource management and preventative purposes.

Milestones: A web-based SAR incident reporting system is currently under development. Beta testing will occur within fiscal year 2003/04.

Deliverables: Introduction of the web-based reporting system province-wide by March 31, 2004.

Search and Rescue Amateur Radio Pilot Project

Rationale: Approximately two decades ago, Industry Canada allocated 148.655 MHz, 148.685 MHz, 149.495 MHz, 149.525 MHz in the VHF frequency range and 457.150 MHz, 462.950 MHz in the UHF frequency range as emergency preparedness frequencies to be assigned to suitable groups across Canada when requested. The major users of these frequencies in British Columbia have been SAR groups. The majority of the smaller search and rescue groups can ill afford the licensing costs involved in using commercial VHF radio frequencies and equipment. In addition, narrow banding will force SAR groups to purchase new equipment, including repeaters.

Goal: Improve the communications capabilities for SAR services.

Improve the level of amateur radio support within the public safety community.

Milestones: Conduct a pilot project that evaluates the feasibility of using amateur radio in SAR operations.

Research amateur radio as an option to resolve existing SAR communications issues including regulatory concerns such as licensing, funding, radio coverage and training.

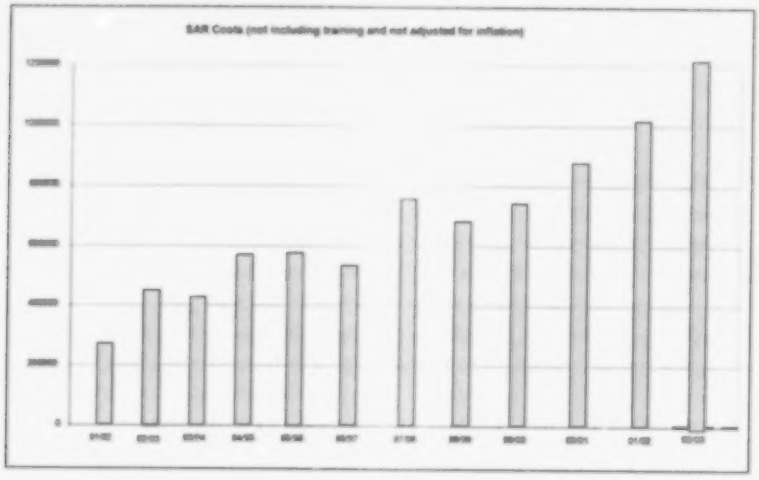
Deliverable: Raise the profile of amateur radio by expanding partnerships within the public safety lifeline volunteer services group.

Mervin W.C. Harrower
Director
Provincial Emergency Program
September 30, 2003

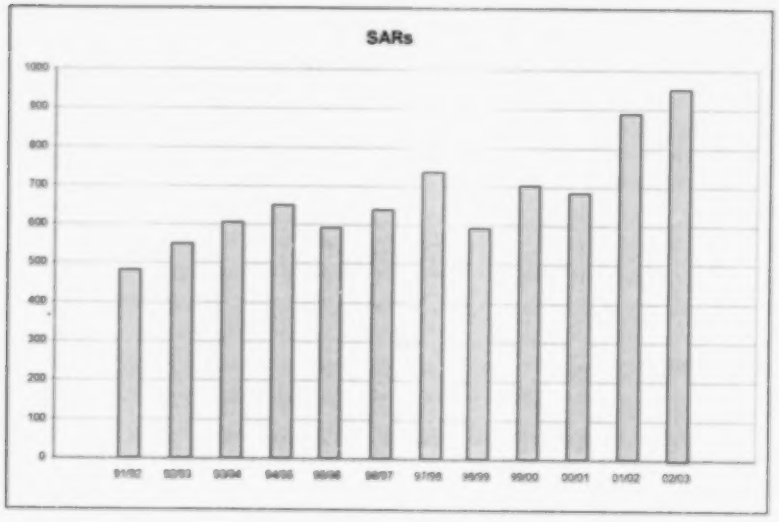
Attachments: **Appendix A** - 12 year cost and incident graphs
Appendix B - Activity report fiscal year 2002/03

Appendix A

Search and Rescue (SAR) Operational Costs Over a 12 Year Period



Number of Search and Rescue (SAR) Incidents Over a 12 Year Period



Appendix B

SEARCH AND RESCUE STATISTICS
FISCAL YEAR 2002/03

PROVINCIAL TOTALS

ACTIVITY	MALE	FEMALE	ADULT	CHILD	TOTAL	SELF RESCUE*	INJURED	DEAD	NOT FOUND	RESCUE**	COSTS
AIR CRASH/ELT	5		10		10	8	1	2	1	28	$2,339.79
ATV	8	1	12	6	18	9	10			4	$6,944.93
AVALANCHE	5	1	48	10	58	21	6	23		6	$17,875.83
BOATER	7		105	13	118	92	14	3	8	88	$58,466.52
BRIDGE JUMPER	15	15	31	7	38	22	4	6	8	3	$68,411.84
CANOEIST	4	1	12	2	14	12		1	1		$13,357.28
CAVE RESCUE		1	1		1		1			1	$341.87
CYCLIST/ MOUNTAIN BIKER	14	6	39	4	43	22	19	1	1	15	$24,543.30
FISHER	14		24	1	25	21	1	1	2	1	$8,150.16
FLARE SIGHTING			3		3				1	11	$5,713.18
HANG/PARAGLIDER	2	2	6		6	2	4			5	$5,480.28
HIKER	62	38	181	16	197	133	56	5	2	44	$392,453.29
HORSE BACK RIDER	2	2	5	1	6	3	2	1			$5,966.44
HUNTER	24	2	31	1	32	28		3	1	1	$35,482.25
JET SKIER			1		1	1				1	$190.75
KAYAKER	5		8		8	5	1	2		2	$44,385.27
MISCELLANEOUS***	90	21	108	49	157	103	36	9	8	39	$206,701.17
MUSHROOM PICKER	16	6	42	2	44	43		1		1	$19,087.48
MVA/EMBANKMENT	14	1	62	2	64	24	24	10	4	68	$50,195.12
RAFTER	11	1	8	8	16	16				1	$2,900.08
ROCK CLIMBER	15	3	26	2	28	15	9	1		21	$59,245.39
SKIER/SNOWBOARDER	19	2	53	4	57	48	7		2	9	$47,316.29
SNOWMOBILER	18	2	78	4	82	61	20	2		14	$67,779.95
SWIMMER/DIVER	10	4	18	5	23	10	3	7	5	4	$27,570.77
TUBER	4	6	4	8	12	10	1		1	2	$95,462.86
WALKAWAY	53	34	61	35	96	79	2	4	8	1	$84,163.78
WINDSURFER	1		1		1				1		$250.00
	418	149	978	180	1158	788	221	82	54		$1,350,775.87

*Self rescue denotes subject who walks out on his/her own without being rescued by others, or was never lost.
**Rescue denotes incident where search was not required.
***Miscellaneous incidents include unidentified subjects and/or unspecified objects.

SEARCH AND RESCUE STATISTICS
FISCAL YEAR 2002/03

VANCOUVER ISLAND REGION

ACTIVITY	MALE	FEMALE	ADULT	CHILD	TOTAL	SELF RESCUE*	INJURED	DEAD	NOT FOUND	RESCUE**	COSTS
AIR CRASH/ELT					0						$0.00
ATV	2		2		2		2				$1,455.83
BOATER	1		3	1	4	2			1	2	$4,856.70
BRIDGE JUMPER		1	1	1	2	1	1	1			$4,731.23
CANOEIST	1		1		1	1					$500.00
CAVE RESCUE		1	1		1		1			1	$341.87
CYCLIST/ MOUNTAIN BIKER	3	1	4	3	7	6	1			1	$4,773.23
FISHER	1		3		3	3					$1,177.17
FLARE SIGHTING					0						$550.66
HIKER	11	4	29	3	32	22	8	1		7	$30,983.46
HORSE BACK RIDER					0						
HUNTER	1		1		1	1					$326.68
MISCELLANEOUS***	14	2	13	8	21	13	4	1	3	3	$5,456.96
MUSHROOM PICKER	10	5	29		29	29					$15,681.42
MVA/EMBANKMENT	2	1	4		4	1	3			3	$5,858.29
RAFTER	5	1	5	3	8	8				1	$1,206.32
ROCK CLIMBER		1	1		1	1				1	$250.00
SKIER/SNOWBOARDER	1		1		1	1					$500.00
SWIMMER/DIVER	2	2	2	1	3	2		1	1	1	$3,745.40
TUBER	2	6	2	6	8	8				1	$837.76
WALKAWAY	12	10	17	12	29	22	1	2	1		$20,133.41
	68	35	119	38	157	121	21	6	6		$103,366.39

*Self rescue denotes subject who walks out on his/her own without being rescued by others, or was never lost.
**Rescue denotes incident where search was not required.
***Miscellaneous incidents include unidentified subjects and/or unspecified objects.

SEARCH AND RESCUE STATISTICS
FISCAL YEAR 2002/03

SOUTH WEST REGION

ACTIVITY	MALE	FEMALE	ADULT	CHILD	TOTAL	SELF RESCUE*	INJURED	DEAD	NOT FOUND	RESCUE**	COSTS
AIR CRASH/ELT	1		1		1	1				22	$250.00
ATV	3	1	7		7	1	6			3	$2,425.72
BOATER	6		34		34	29	1		3	21	$21,914.48
BRIDGE JUMPER	12	3	19	1	20	10	2	1	7	2	$38,672.89
CANOEIST			3	2	5	4			1		$7,503.40
CYCLIST/ MOUNTAIN BIKER	5	4	23	1	24	9	13		1	11	$14,294.14
FISHER	2		10		10	8	1		1	1	$4,485.86
FLARE SIGHTING					0					8	$4,907.50
HANG/PARAGLIDER	1		3		3	1	2			3	$4,530.64
HIKER	37	23	119	12	131	89	39	1	2	30	$233,608.36
HUNTER			1		1	1					$170.16
KAYAKER	2		2		2	1	1			2	$6,700.31
MISCELLANEOUS***	35	12	43	27	70	48	19	4	4	23	$94,412.29
MVA/EMBANKMENT	2		10		10	4	2	1	3	19	$14,939.90
RAFTER	6		3	3	6	6					$1,520.00
ROCK CLIMBER	2	1	11		11	5	3			8	$37,841.36
SKIER/SNOWBOARDER	7		24	1	25	20	3		2	2	$19,651.88
SNOWMOBILER	2		6		6	3	3			2	$11,880.28
SWIMMER/DIVER	3	1	7	2	9	3	1	3	2	1	$4,359.16
TUBER	1		1	1	2	2					$654.40
WALKAWAY	18	12	24	9	33	27		1	5		$46,754.10
	145	57	351	59	410	272	96	11	31		$571,476.83

*Self rescue denotes subject who walks out on his/her own without being rescued by others, or was never lost.
**Rescue denotes incident where search was not required.
***Miscellaneous incidents include unidentified subjects and/or unspecified objects.

SEARCH AND RESCUE STATISTICS
FISCAL YEAR 2002/03

CENTRAL REGION

ACTIVITY	MALE	FEMALE	ADULT	CHILD	TOTAL	SELF RESCUE*	INJURED	DEAD	NOT FOUND	RESCUE**	COSTS
AIR CRASH/ELT	1		3		3	3		1	1	1	$831.26
ATV	2		2		2	1	1			1	$2,346.93
BOATER	7	1	50	7	57	43	13	1	1	56	$7,653.51
BRIDGE JUMPER	2	3	3	2	5	3		1	1		$10,214.36
CANOEIST			2		2	2					$295.10
CYCLIST/ MOUNTAIN BIKER	3		4		4	3	1				$1,994.47
FISHER	1	1	2		2	2					$500.00
FLARE SIGHTING					0					3	$255.02
HIKER	5	3	8	1	9	4	4	1		3	$8,386.53
HORSE BACK RIDER		2	2		2		2			2	$497.65
HUNTER	5	1	6		6	6					$9,124.01
KAYAKER			1		1	1					$110.00
MISCELLANEOUS***	19	1	20	3	23	15	5	3		5	$32,061.81
MVA/EMBANKMENT	7		15		15	5	8	2		15	$8,957.10
RAFTER				2	2	2					$173.76
ROCK CLIMBER	5		5		5	3	2			5	$6,173.86
SKIER/SNOWBOARDER	4	1	3	2	5	5					$5,657.85
SNOWMOBILER	8	2	22	3	25	21	6			4	$18,655.63
SWIMMER/DIVER	2		4	1	5	2	1	2	1	1	$14,073.49
TUBER	1		1		1		1			1	$101.10
WALKAWAY	8	3	7	7	14	12	1		1		$8,348.96
WINDSURFER	1		1		1				1		$250.00
	81	18	161	28	189	133	45	11	6		$136,662.40

*Self rescue denotes subject who walks out on his/her own without being rescued by others, or was never lost.
**Rescue denotes incident where search was not required.
***Miscellaneous incidents include unidentified subjects and/or unspecified objects.

SEARCH AND RESCUE STATISTICS
FISCAL YEAR 2002/03

SOUTH EAST REGION

ACTIVITY	MALE	FEMALE	ADULT	CHILD	TOTAL	SELF RESCUE*	INJURED	DEAD	NOT FOUND	RESCUE**	COSTS
AIR CRASH/ELT	1		1		1		1			5	$887.84
ATV				4	4	4	1				$100.00
AVALANCHE	4		36	10	46	19	6	21		6	$16,875.83
BOATER	4		8		8	5		1	2	2	$6,787.80
BRIDGE JUMPER		1	3	2	5	4		1			$622.24
CANOEIST	2		4		4	3		1			$4,958.78
CYCLIST/ MOUNTAIN BIKER	2		7		7	3	3	1		2	$3,103.53
FISHER	3		2	1	3	3					$200.00
HANG/PARAGLIDER	1	2			0	1	2			2	$949.64
HIKER	4	3	13		13	12	1			1	$8,269.59
HUNTER	6		6		6	3		2	1		$6,558.98
KAYAKER	3		3		3	1		2			$37,351.21
MISCELLANEOUS***	11	3	15	5	20	14	5	1		5	$7,868.71
MUSHROOM PICKER		1	1		1	1					$165.00
MVA/EMBANKMENT	1		28	1	29	13	8	6	1	25	$14,442.86
ROCK CLIMBER	5		7		7	3	3	1		5	$13,956.36
SKIER/SNOWBOARDER	7		24	1	25	22	3			6	$21,256.56
SNOWMOBILER	6		27		27	22	3	1		2	$28,897.28
SWIMMER/DIVER	1	1	3	1	4	3	1			1	$330.00
WALKAWAY	1	6	5	2	7	6		1		1	$4,575.78
	62	17	193	27	220	142	37	39	4		$178,157.99

*Self rescue denotes subject who walks out on his/her own without being rescued by others, or was never lost.
**Rescue denotes incident where search was not required.
***Miscellaneous incidents include unidentified subjects and/or unspecified objects.

SEARCH AND RESCUE STATISTICS
FISCAL YEAR 2002/03

NORTH EAST REGION

ACTIVITY	MALE	FEMALE	ADULT	CHILD	TOTAL	SELF RESCUE*	INJURED	DEAD	NOT FOUND	RESCUE**	COSTS
AIR CRASH/ELT	2		2		2	2					$179.19
ATV	1		1	2	3	3					$616.45
AVALANCHE			1		1			1			$500.00
BOATER			4	4	8	8					$1,522.89
BRIDGE JUMPER	1	7	5	1	6	4	1	2		1	$14,171.12
CYCLIST/ MOUNTAIN BIKER	1		1		1	1					$271.48
FISHER	2		2		2	1			1		$1,325.80
FLARE SIGHTING			3		3				1		$0.00
HIKER	4	4	9		9	6	3			2	$11,143.70
HORSE BACK RIDER	1		3		3	2		1			$2,688.80
HUNTER	10	1	11	1	12	11		1		1	$13,088.49
MISCELLANEOUS***	11	3	17	4	21	13	3		1	3	$66,801.40
MVA/EMBANKMENT	2		3	1	4	1	2			7	$4,217.37
ROCK CLIMBER	3		2	1	3	3				1	$298.81
SKIER/SNOWBOARDER		1	1		1		1			1	$500.00
SNOWMOBILER	1		22		22	15	6	1		4	$7,143.14
SWIMMER/DIVER	2		2		2			1	1		$5,062.72
TUBER				1	1				1		$93,869.60
WALKAWAY	14	2	7	5	12	11			1		$4,221.30
	55	18	96	20	116	81	16	7	6		$227,622.26

*Self rescue denotes subject who walks out on his/her own without being rescued by others, or was never lost.
**Rescue denotes incident where search was not required.
***Miscellaneous incidents include unidentified subjects and/or unspecified objects.

SEARCH AND RESCUE STATISTICS
FISCAL YEAR 2002/03

NORTH WEST REGION

ACTIVITY	MALE	FEMALE	ADULT	CHILD	TOTAL	SELF RESCUE*	INJURED	DEAD	NOT FOUND	RESCUE**	COSTS
AIR CRASH/ELT			3		3	2		1			$191.50
AVALANCHE	1	1	2		2	1		1			$500.00
BOATER	1		6	1	7	5		1	1	7	$15,731.14
CANOEIST	1	1	2		2	2					$100.00
CYCLIST/ MOUNTAIN BIKER		1	1		1		1			1	$106.45
FISHER	5		5		5	4		1			$461.33
HIKER	1	1	3		3		1	2		1	$100,061.65
HORSE BACK RIDER	1			1	1	1				1	$2,779.99
HUNTER	2		6		6	6					$6,213.93
JET SKIER			1		1	1				1	$190.75
KAYAKER			2		2	2					$223.75
MISCELLANEOUS***					0						$100.00
MUSHROOM PICKER	6		12	2	14	13		1		1	$3,241.06
MVA/EMBANKMENT			2		2		1	1		2	$1,779.60
ROCK CLIMBER		1		1	1		1			1	$725.00
SNOWMOBILER	1		1	1	2		2			2	$1,203.62
WALKAWAY		1	1		1	1					$130.23
	19	6	47	6	53	38	6	8	1		$133,740.00

*Self rescue denotes subject who walks out on his/her own without being rescued by others, or was never lost.
**Rescue denotes incident where search was not required.
***Miscellaneous incidents include unidentified subjects and/or unspecified objects.